

**MONDAY, September 26, 2022**

14:00 - 18:00 **Welcoming and Registration at Conference Venue**  
18:00 **Welcome Raut at Conference Venue**

**TUESDAY, September 27, 2022**

08:00 - 09:00 **Registration at Conference Venue**  
09:00 - 09:40 **Welcome Speech and Opening Information Addresses**  
Robert Ševčík, Ministry of Education, Science, Research and Sport of the Slovak Republic, Research, development and inovatiaon as a crucial driver of the circular economy in the context of the Slovak Republic  
Alexander Matušek, president Automotive Industry Association of the Slovak Republic  
Jiří Hlinka, Dean of The Faculty of Mechanical Engineering at Brno University of Technology

**09:40 - 11:00 Session I, in English/Slovak****Session chair: Tomáš Havlík**

Green Deal and Fit for 55 – where to start the implementation in automotive production plant, Hletkova-Ploszekova, M. - Volkswagen Slovakia  
9:40-10:00 Financial support of progressive technologies and innovations in the field of waste management in automotive industry, Belanová K., University of Economics in Bratislava, SVK  
10:00-10:20 Design of a modular technological line for the recycling of laminated car glass, Šooš Ľ., Slovak University of Technology in Bratislava, SVK  
10:20-10:40 Research Into the Possibilities of Recovering Headlights from End-of-life Cars, Badida M., Technical University of Košice, SVK  
10:40-11:00

**11:00-11:20 Coffee Break****11:00 - 12:40 Session II, in English/Slovak****Session chair: Ľubomír Šooš**

Theoretical and practical aspects of the application of semiconductor ferroelectrics as energy-generating and energy-saving elements, Gerasimov V., Mukachevo University, UA  
11:20-11:40 Mechanical and physical properties of new particleboards containing recycled plastics from automobiles, Krilek J., Technical University in Zvolen, SVK  
11:40 - 12:00 The evaluation of pellet production with an admixture of FFP2 masks formed by a small pellet press, Jandačka J., University of Technology in Žilina, SVK  
12:00 - 12:20 Lithium leach solution refining by pH adjustment, Klimo J., Technical University of Košice, SVK  
12:20 - 12:40 Research of printing's shrinkage during 3D FDM printing of recycled material based HDPE and hay, Križan P., Slovak University of Technology in Bratislava, SVK  
12:40 - 13:00

**13:00 - 14:30 Lunch****14:30 - 16:30 Round table - requested topics for solutions****chairs: Ľubomír Šooš, Martin Šponiar, Ján Pribula****18:30 Gala Dinner at Conference Venue****WEDNESDAY, September 28, 2022****08:00 - 09:00 Registration at Conference Venue****09:00 - 10:40 Session III, in English/Slovak**

Session chair: Miroslav Badida

Development of sound insulating materials and products on the basis of waste from the automotive industry, Moravec M., Technical University of Košice, SVK  
09:00 - 09:20 Design of a recycling device for the processing of old car bodies, Čačko, V.: Slovak University of Technology in Bratislava, SVK  
09:20 - 09:40 Waste streams potential forecast of End-of-Life vehicles: case Slovakia, Ochotnický P., University of Economics in Bratislava, SVK  
09:40 - 10:00 SmartOdpady - Information and Innovation Platform for Recycling Technologies, Pokusová M., Slovak University of Technology in Bratislava, SVK  
10:00 - 10:20 Hydrometallurgical treatment of slags from steel industry, Oráč D., Technical University of Košice, SVK  
10:20 - 10:40

**10:40 - 11:00 Coffee Break**

<b>11:00 - 13:20</b>	<b>Session IV, in English/Slovak</b>
	Session chair: Jozef Krilek
11:00 - 11:20	Waste recovery possibilities and difficulties vs. required conditions for circular economy in automotive production plant, Hletkova-Ploszekova, M. - Volkswagen Slovakia
11:20 - 11:40	Environmental assessment of the particle boards with content rubber waste from the automotive industry, Čabalová I., Technical University in Zvolen, SVK
11:40 - 12:00	Experimental research of material properties in Additive Manufacturing, Beniak J., Slovak University of Technology in Bratislava, SVK
12:00 - 12:20	Pyrolytic Processing of Waste from the Automotive Industry, Patsch M., University of Žilina, SVK
12:20 - 12:40	Processing of spent automotive lithium batteries, Havlik, T., Technical University of Košice, SVK
12:40 - 13:00	Cycle track – an innovative solution for the recovery of waste from the automotive industry, Šooš L., Slovak University of Technology in Bratislava, SVK
13:00 - 13,20	Renewable energy as an important part of climate-adaptive constructions of energy efficiency of buildings, Plesník, J, Krajné
13:20 - 13:30	<b>Conference Evaluation, Closing and Remarks</b>
13:30 - 14:30	<b>Lunch</b>
15:00 - 17:00	<b>Session III - Lab Tour and presentations at BRNO UNIVERSITY OF TECHNOLOGY</b>

*UNIVNET 2022 Organizing Committee reserves its right to change the conference program anytime during conference days due to act*